

74. (Withdrawn) A method as claimed in claim 72, wherein said immune cell is selected from the group consisting of mast cells, B cells, T cells, dendritic cells, neutrophils, eosinophils and macrophages.

75. (Withdrawn) A method for inhibiting immunoreceptor signaling in a patient in need thereof, comprising administration of an effective amount of a PTEN agonist.

76. (Withdrawn) A method as claimed in claim 75, wherein said immunoreceptor is selected from the group consisting of a T cell receptor, B cell receptor, ITAM-bearing receptor, FcγR, FcεR, and FcαR.

77. (Withdrawn) A method as claimed in claim 75, wherein said agonist is administered to prevent a condition selected from the group consisting of graft rejection and graft versus host disease.

78. (Withdrawn) A method for augmenting an immune reaction in a patient in need thereof, comprising administration of an effective amount of an inhibitor of PTEN.

79. (Withdrawn) A method as claimed in claim 78, wherein said inhibitor is targeted to a cell selected from the group consisting of T cells, B cells, and macrophages.

80. (Currently amended) A method for inhibiting aberrant tumor induced angiogenesis in a patient in need thereof comprising administration of a PI-3 inhibitor selected from the group consisting of LY294002 and wortmannin, said method further comprising the step of assessing inhibition of angiogenesis following administration of said inhibitor.

81. (Canceled)

82. (Canceled)

83. (Withdrawn) A method for inhibiting aberrant angiogenesis in a patient in need thereof, said method comprising the administration of an AKT inhibitor.

84. (Withdrawn) A method as claimed in claim 83, wherein said aberrant angiogenesis is caused by cancer, autoimmune disease, arthritis, systemic lupus erythematosus, inflammatory bowel disease, coronary artery disease, cerebrovascular disease, and atherosclerosis.

85. (Withdrawn) A method as claimed in claim 83, further comprising the administration of an PI3 kinase inhibitor.

86. (Withdrawn) A method for inhibiting p53 mediated programmed cell death in a patient in need thereof, comprising the targeted administration of a PTEN inhibitor to normal tissues to inhibit stress induced apoptosis thereof, wherein said patient is in need for such treatment due to a condition selected from the group consisting of myocardial infarction, cerebrovascular insult and gram negative sepsis.

87. (Withdrawn) A method for inhibiting p53 mediated programmed cell death in a patient in need thereof, comprising the targeted administration of a PTEN inhibitor, said PTEN inhibitor inhibiting cellular senescence thereby promoting survival of normal cells.

88. (Withdrawn) A method as claimed in claim 87, wherein said normal cells are selected from the group consisting of brain cells, heart cells, and skin cells.

2 89. (Previously presented) The method of claim 80, wherein said PI-3 kinase inhibitor is LY294002.

3 90. (Previously presented) The method of claim 80, wherein said PI-3 kinase inhibitor is wortmannin.